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**National Aeronautics
and Space Administration**

**October 11, 1995
NRA 95-055-16**

RESEARCH ANNOUNCEMENT

Long-Term Space Astrophysics (LTSA)

Research Program

Proposals Due: January 11, 1996

COMPLETED

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Long-Term Space Astrophysics (LTSA) Research Program

**NASA Research Announcement
Soliciting Proposals
for Research in Space Astrophysics
for period ending
January 11, 1996**

**NRA 95-OSS-16
Issued: October 11, 1995**

**Office of Space Science
National Aeronautics and Space Administration
Washington, DC 20546-0001**

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Long-Term Space Astrophysics (LTSA) Research Program

This NASA Research Announcement (NRA) solicits basic research proposals relating to the analysis of data from space astrophysics observations.

The dominant objectives of this program, which was initiated 5 years ago, are to enhance the scientific return from space astrophysics missions by supporting long-term (typically 5 years) funding and to strengthen the United States (U.S.) long-term research base in space astrophysics.

Participation in this program is open to all categories of organizations, domestic or foreign, including educational institutions, for-profit and not-for-profit organizations, NASA centers, and other Government agencies. Proposals may be submitted at any time during the period ending January 11, 1996. Proposals received after January 11, 1996, will be held for the next review cycle, which is planned to commence 1 year after the current cycle. Proposals will be evaluated by scientific peer review panels with a goal of announcing selection by February 1996.

Further details relevant to this program are included in the appendices to this Announcement. NASA will provide these appendices through anonymous file-transfer-protocol from Internet host [ftp.hq.nasa.gov](ftp://ftp.hq.nasa.gov). The command "ftp ftp.hq.nasa.gov" should be used from the host machine. The user will then be prompted for a user name (use "anonymous") and a password (please use your own host name). ASCII, Postscript, and Microsoft Word files for all Appendices and required forms are located in the directory "/pub/astrophysics/NRAs/LTSA/95-OSS-16". A file named "README.txt" resides in this directory and gives detailed instructions on obtaining the necessary files electronically. In addition, Web submission of the Cover Page is strongly encouraged and provides a postscript version of the Cover Page for each proposal. The URL for the Web tool is <http://nasa-review.ipac.caltech.edu/ltsa-96/>. Proposers without access to Internet are advised to contact Dr. Guenter Riegler at the address listed below for paper copies of this NRA and its appendices.

Further details relevant to this program are included in the appendices. Appendix A provides programmatic information relevant to the Long-Term Space Astrophysics (LTSA) Research Program. Appendices B and C contain instructions for preparation of solicited proposals in response to this NRA. Appendix D contains forms for use in preparing proposals in response to this NRA. Note that electronic submission of the Cover Page by Mosaic is encouraged to speed proposal processing.

Identifier: NRA 95-OSS-16

Submit Proposal To: Long-Term Space Astrophysics
Infrared Processing and Analysis Center, 100-22
California Institute of Technology
770 S. Wilson Avenue
Pasadena, CA 91125

Submit Proposals By: January 11, 1996

Number Required: 15 copies

Selecting Official: Associate Administrator,
Office of Space Science

Obtain Appendices Electronically via
"anonymous ftp" from: ftp.hq.nasa.gov

Web Submission URL: <http://nasa-review.ipac.caltech.edu/ltsa-96/>

Obtain Additional Information From: Dr. Guenter Riegler
Astrophysics Division
Code SZ
NASA Headquarters
Washington, DC 20546-0001 U.S.A.

E-mail: ltsa@gm.oss.hq.nasa.gov
Telephone: (202) 358-0339

Your interest and cooperation in participating in this effort are appreciated.



Wesley T. Huntress, Jr.
Associate Administrator for
Space Science

Enclosure

List Of Appendices And Attachments

Appendices are available electronically via anonymous ftp from [ftp.hq.nasa.gov](ftp://ftp.hq.nasa.gov)

Appendix A - Program Description

Appendix B - Guidelines for Responding to NASA Research Announcements (NRA's) for Solicited Basic Research Proposals

Appendix C - Additional Guidelines for the Preparation of Proposals in Response to this NRA

Appendix D - Forms for Use in Preparing Proposals in Response to this NRA

Proposal Budget Form

Current and Pending Federal Support Form

Certification Forms (Drug-Free Workplace, Debarment and Lobbying)

LIST OF AGRICULTURAL AND FORESTRY PRODUCTS

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NASA Research Announcement (NRA)/Announcement of Opportunity (AO) Mailing List Update

If your current address is NOT up-to-date, please fill out this form completely.

This is the update form for the NASA Office of Space Sciences (OSS) NRA/AO mailing list. Please fill out CONTACT INFORMATION completely. Check only those that apply in Institution Type and Discipline. Fold the form, secure with tape, and mail it back to the address on the reverse side. Proper postage must be applied.

Please check which announcements you would like to receive:

- ☐ 1. NASA Research Announcements (basic, non-flight, on-going research)
☐ 2. Announcements of Opportunity (specific space flight mission)

Must check one, please include code number from mailing label:

- ☐ 1. Please add my name to the mailing list.
☐ 2. Please remove my name from the mailing list (please attach mailing label)
☐ 3. Please update my current listing.

CONTACT INFORMATION

If your address has changed or your mailing label is incorrect, please provide COMPLETE contact information.

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First Name:	MI:	Last Name:
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Division / Department:		
Street:		
City:	State:	Zip:
Telephone No:	Fax No:	
E-Mail Address:	Internet Address:	
Country: (foreign addresses, please specify)		

Institution Type

(check only those that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> 1. College or University | <input type="checkbox"/> 4. Minority Business | <input type="checkbox"/> 7. Other Government Agency |
| <input type="checkbox"/> 2. Minority College or University | <input type="checkbox"/> 5. NASA HQs/Center | <input type="checkbox"/> 8. Private Industry |
| <input type="checkbox"/> 3. Foreign Addressee | <input type="checkbox"/> 6. Nonprofit Corporation | <input type="checkbox"/> 9. Small Business |

Societies:

- ☐ A. American Astronomical Society ☐ B. American Geophysical Union ☐ C. Others _____

Discipline:

(check only those that apply)

1. Astronomy and Astrophysics

- ☐ A. Theory and Modeling
☐ B. Instrumentation (Technology Dev)
☐ C. Laboratory Astrophysics
☐ D. Data Analysis (Archival)
☐ E. Observational Programs

3. Space Physics

- ☐ A. Cosmic and Heliosphere Physics
☐ B. Solar Physics
☐ C. Magnetospheric Physics
☐ D. Ion-Thermo-Mesospheric Physics

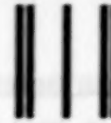
2. Solar System Exploration

- ☐ A. Planetary Atmospheres and Astronomy
☐ B. Planetary Materials and Geochemistry
☐ C. Planetary Geology and Geophysics
☐ D. Instrument Development
☐ E. Origins of Solar Systems
☐ F. Exobiology

4. Information Systems/Computer Science

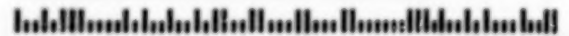
- ☐ A. High Performance Computing and Networking
☐ B. Scientific Data Analysis and Visualization
☐ C. Science Data Storage and Management
☐ D. Software Technology

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